IP Link® Device Interface
Ethernet Communication Sheet

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type:	Audio Processor
Manufacturer:	Shure
Firmware Version:	N/A
Model(s):	SCM820

Minimum Software and Firmware Requirements:

IP Link Compiler	IP Link Firmware	GC Version
1.6.0	1.17	3.5.0

Version History:

Driver Version	Date	Notes
1	7/19/2013	Initial version.

Driver Notes:

Control Commands & States:

Audio Input 1-8 (Discrete)	0 to 128 in steps of 2		
Audio Input 1-8 (Step)	Up	Down	
Audio Output 1-8 (Discrete)	0 to 128 in steps of 2		
Audio Output 1-8 (Step)	Up	Down	
Audio Output A (Discrete)	0 to 128 in steps of 2		
Audio Output A (Step)	Up	Down	
Audio Output B (Discrete)	0 to 128 in steps of 2		
Audio Output B (Step)	Up	Down	
Auxiliary	0 to 128 in steps of 2		
Auxiliary (Step)	Up	Down	
Auxiliary Mute	On	Off	Toggle
Input 1-8	On	Off	Toggle
Output 1-8	On	Off	Toggle
Output A Mute	On	Off	Toggle
Output B Mute	On	Off	Toggle

Status Available:

Audio Input 1-8 (Discrete)	0 to 128 in steps of 2	
Audio Output 1-8 (Discrete)	0 to 128 in steps of 2	
Audio Output A (Discrete)	0 to 128 in steps of 2	
Audio Output B (Discrete)	0 to 128 in steps of 2	
Auxiliary	0 to 128 in steps of 2	
Auxiliary Mute	On	Off
Connection Status	Connected	Disconnected
Input 1-8	On	Off
Output 1-8	On	Off
Output A Mute	On	Off
Output B Mute	On	Off

Network communication:

When configuring the Ethernet driver, be sure device settings match that of the GC configuration.

Port Type:	Ethernet
Logon Credentials Supported:	No
Default Port:	2002
Multi-Connection Capable:	Undetermined
Port Changeable:	Yes

Ethernet Driver Configuration Description:

Please refer to user manual for settings and changes to the network communication parameters.

Notes for the Device: